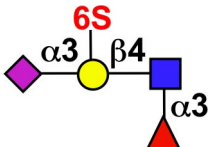
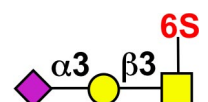
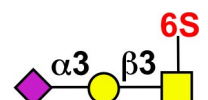
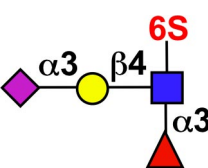
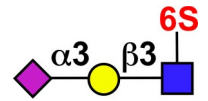
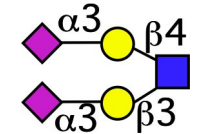
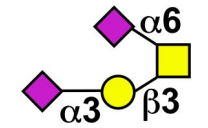

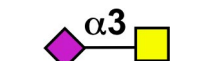
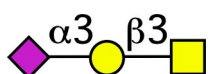
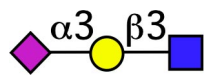
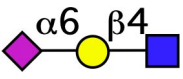
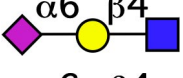
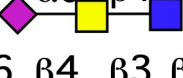
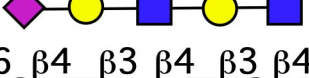

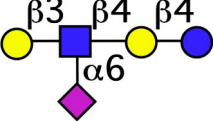
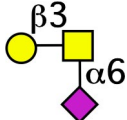


Table S1. Glycan structures on the glycan microarray used for analysis of H7 influenza viruses

No.	Structure	Sequence
1		Neu5Aca2-3(6-O-Su)Galβ1-4(Fuca1-3)GlcNAcβ-Sp8
2		Neu5Aca2-3Galβ1-3[6OSO3]GalNAcα-Sp8
3		Neu5Aca2-3Galβ1-4[6OSO3]GlcNAcβ-Sp8
4		Neu5Aca2-3Galβ1-4(Fuca1-3)(6OSO3)GlcNAcβ-Sp8
5		Neu5Aca2-3Galβ1-3(6OSO3)GlcNAc-Sp8
6		Neu5Aca2-3Galβ1-3(Neu5Aca2-3Galβ1-4)GlcNAcβ-Sp8
7		Neu5Aca2-3Galβ1-3(Neu5Aca2-6)GalNAcα-Sp8
8		Neu5Aca2-3Galβ-Sp8
9		Neu5Aca2-3GalNAcα-Sp8
10		Neu5Aca2-3Galβ1-3GalNAcα-Sp8
11		Neu5Aca2-3Galβ1-3GlcNAcβ-Sp0

No.	Structure	Sequence
12		Neu5Ac α 2-3Gal β 1-3GlcNAc β -Sp8
13		Neu5Ac α 2-3Gal β 1-4Glc β -Sp0
14		Neu5Ac α 2-3Gal β 1-4Glc β -Sp8
15		Neu5Ac α 2-3Gal β 1-4GlcNAc β -Sp0
16		Neu5Ac α 2-3Gal β 1-4GlcNAc β -Sp8
17		Neu5Ac α 2-3GalNAc β 1-4GlcNAc β -Sp0
18		Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β -Sp0
19		Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β -Sp0
20		Neu5Ac α 2-3Gal β 1-3(Fuc α 1-4)GlcNAc β -Sp8
21		Neu5Ac α 2-3Gal β 1-4(Fuc α 1-3)GlcNAc β -Sp0
22		Neu5Ac α 2-3Gal β 1-4(Fuc α 1-3)GlcNAc β -Sp8
23		Neu5Ac α 2-3Gal β 1-4(Fuc α 1-3)GlcNAc β 1-3Gal β -Sp8
24		Neu5Ac α 2-3Gal β 1-4(Fuc α 1-3)GlcNAc β 1-3Gal β 1-4GlcNAc β -Sp8
25		Neu5Ac α 2-3Gal β 1-4(Fuc α 1-3)GlcNAc β 1-3Gal β 1-4(Fuc α 1-3)GlcNAc β 1-3Gal β 1-4(Fuc α 1-3)GlcNAc β -Sp0
26		Neu5Ac α 2-3Gal β 1-4GlcNAc β 1-3Gal β 1-4(Fuc α 1-3)GlcNAc β -Sp0

No.	Structure	Sequence
27		Neu5Ac α 2-3(GalNAc β 1-4)Gal β 1-4GlcNAc β -Sp8
28		Neu5Ac α 2-3(GalNAc β 1-4)Gal β 1-4GlcNAc β -Sp0
29		Neu5Ac α 2-3(GalNAc β 1-4)Gal β 1-4Glc β -Sp0
30		Gal β 1-3GalNAc β 1-4(Neu5Ac α 2-3)Gal β 1-4Glc β -Sp0
31		Fuc α 1-2Gal β 1-3GalNAc β 1-4(Neu5Ac α 2-3)Gal β 1-4Glc β -Sp0
32		Fuc α 1-2Gal β 1-3GalNAc β 1-4(Neu5Ac α 2-3)Gal β 1-4Glc β -Sp9
33		Neu5Ac α 2-6Gal β 1-4[6OSO3]GlcNAc β -Sp8
34		11-OS-G
35		11-OS-Sp8
36		Neu5Ac α 1-2-Sp82
37		Neu5Ac α 2-6GalNAc α -Sp8
38		Neu5Ac α 2-6Gal β -Sp8
39		Neu5Ac α 2-6Gal β 1-4Glc β -Sp8

No.	Structure	Sequence
40		Neu5Ac α 2-6Gal β 1-4GlcNAc β -Sp0
41		Neu5Ac α 2-6Gal β 1-4GlcNAc β -Sp8
42		Neu5Ac α 2-6GalNAc β 1-4GlcNAc β -Sp0
43		Neu5Ac α 2-6Gal β 1-4GlcNAc β 1-3Gal β 1-4GlcNAc β -Sp0
44		Neu5Ac α 2-6Gal β 1-4GlcNAc β 1-3Gal β 1-4(Fuc α 1-3) GlcNAc β 1-3Gal β 1-4(Fuc α 1-3)GlcNAc β -Sp0
45		Gal β 1-3(Neu5Ac α 2-6)GlcNAc β 1-4Gal β 1-4Glc β -Sp10
46		Gal β 1-3(Neu5Ac α 2-6)GalNAc α -Sp8